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SHEET 2 OF 3

TITLE

ORBI-G3

CAGE NO

96046

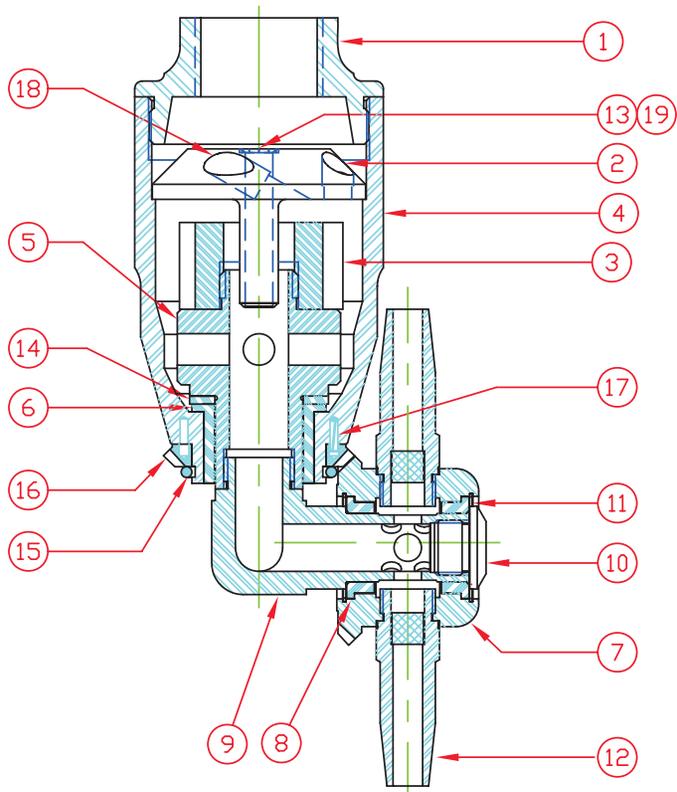
DWG NO

CD75-1858

REV

C





TORQUE CHART	
ITEM NUMBER	TORQUE SPECIFICATIONS
①	60 FT-LBS
⑤	20 FT-LBS
⑩	20 IN-LBS
⑫	15 FT-LBS

NOTES:

- 1) APPLY A SMALL AMOUNT OF NEVER SEEZ LUBRICANT (625-03561) TO ALL THREADS AT ASSEMBLY TO PREVENT GALLING.
- 2) ADJUST THE SPEED OF THE UNIT BY USING OTHER SIZE PLUGS WHICH ARE LISTED BELOW

PLUG NO.	HOLE ϕ
75-1455-A	.063
75-1455-B	.093
75-1455-C	.125
75-1455-D	.140
75-1455-G	.078

- 3) AVAILABLE NOZZLES BASED ON MODEL NUMBER

MODEL NO	NOZZLE
75-1858	75-1849AA
75-1858LP	75-1849AA
75-1858C	75-1849CA
75-1858CLP	75-1849CA

ITEM NO.	QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION
19	1	7-33-1	PLUG,SOLID	CRES
18	4	75-1455-C	PLUG, BYPASS, ϕ .125	18-8 CRES
17	1	75-1856	PIN, ROLL, ϕ .066	302 CRES
16	1	75-1852	GEAR, BEVEL	316 CRES
15	1	75-1855	RING, RETAINING	316 CRES
14	1	75-1863G	WASHER, SHAFT	UHMW-PE
13	1	SEE NOTE 2	PLUG, BYPASS, AS REQUIRED	18-8 CRES
12	2	SEE NOTE 3	NOZZLE ASSEMBLY	316 CRES
11	2	75-1847	RING, RETAINING	302 CRES
10	1	75-1844	CAP, SHAFT	316 CRES
9	1	75-1859	SHAFT, ELBOW	316 CRES
8	2	75-1846	BUSHING, FLANGED	UHMW-PE
7	1	75-1851	BODY, NOZZLE, GEARED	316 CRES
6	1	75-1408	BUSHING, SHAFT	PTFE
5	1	75-1854	SHAFT, VERTICAL	316 CRES
4	1	75-1853	BODY, MAIN	316 CRES
3	1	75-1801SS	ROTOR, 6 TOOTH	316 CRES
2	1	75-1857	MOTOR, WATER, 4 HOLE	316 CRES
1	1	75-1403	CAP, INLET	316 CRES

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SHEET 3 OF 3

TITLE

ORBI-G3

CAGE NO

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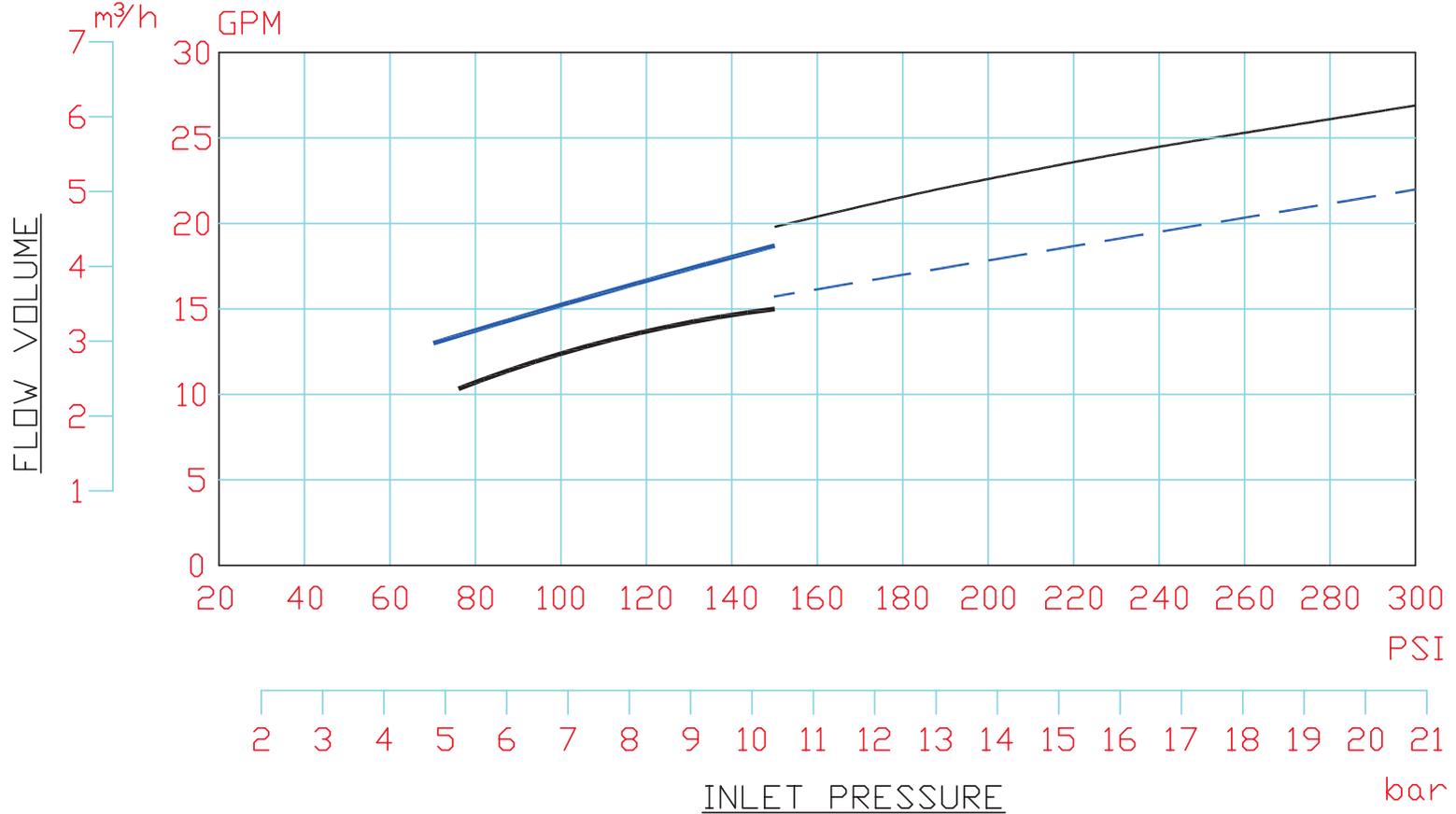
DWG NO

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SHEET 1 OF 3

TITLE

ORBI-G3

CAGE NO

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DWG NO

CD75-1858

REV

C

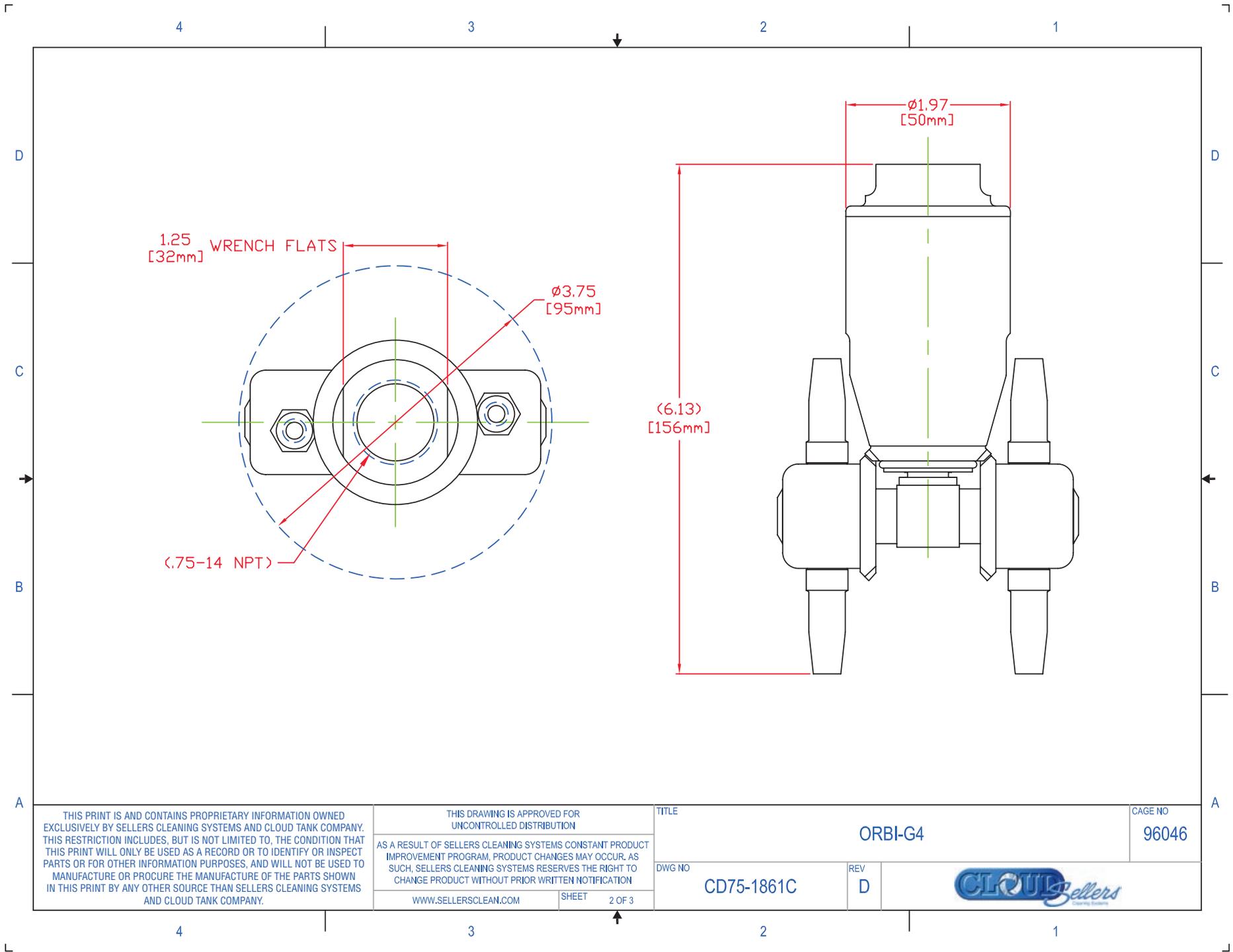


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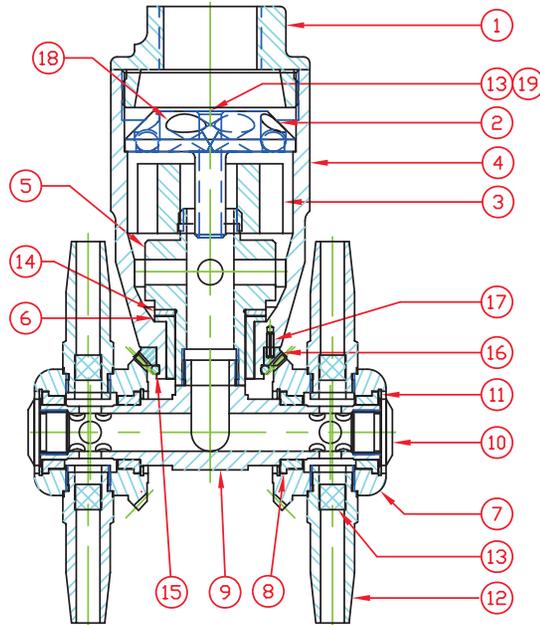
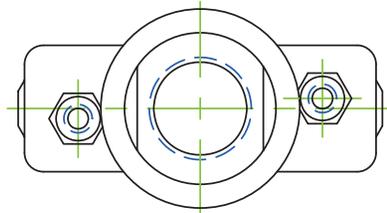
TITLE ORBI-G4

CAGE NO 96046

DWG NO CD75-1861C

REV D





NOTES:

- 1) APPLY A SMALL AMOUNT OF NEVER SEEZ LUBRICANT (625-03561) TO ALL THREADS AT ASSEMBLY TO PREVENT GALLING.
- 2) ADJUST THE SPEED OF THE UNIT BY USING OTHER SIZE PLUGS WHICH ARE LISTED BELOW

PLUG NO.	HOLE ϕ	PLUG NO.	HOLE ϕ	PLUG NO.	HOLE ϕ
75-1455-A	.063	75-1455-C	.125	75-1455-G	.078
75-1455-B	.093	75-1455-D	.140		

3) AVAILABLE NOZZLES BASED ON MODEL NUMBER

MODEL NO	NOZZLE	MODEL NO	NOZZLE
75-1861B	75-1849EA	75-1861CLP	75-1849CA
75-1861BLP	75-1849EA	75-1861D	75-1849DA
75-1861C	75-1849CA	75-1861DLP	75-1849DA

4) ITEM #18

MODEL NO	PLUG NO.	HOLE ϕ
75-1861C	75-1455-D	.140
ALL OTHERS	75-1455-C	.125

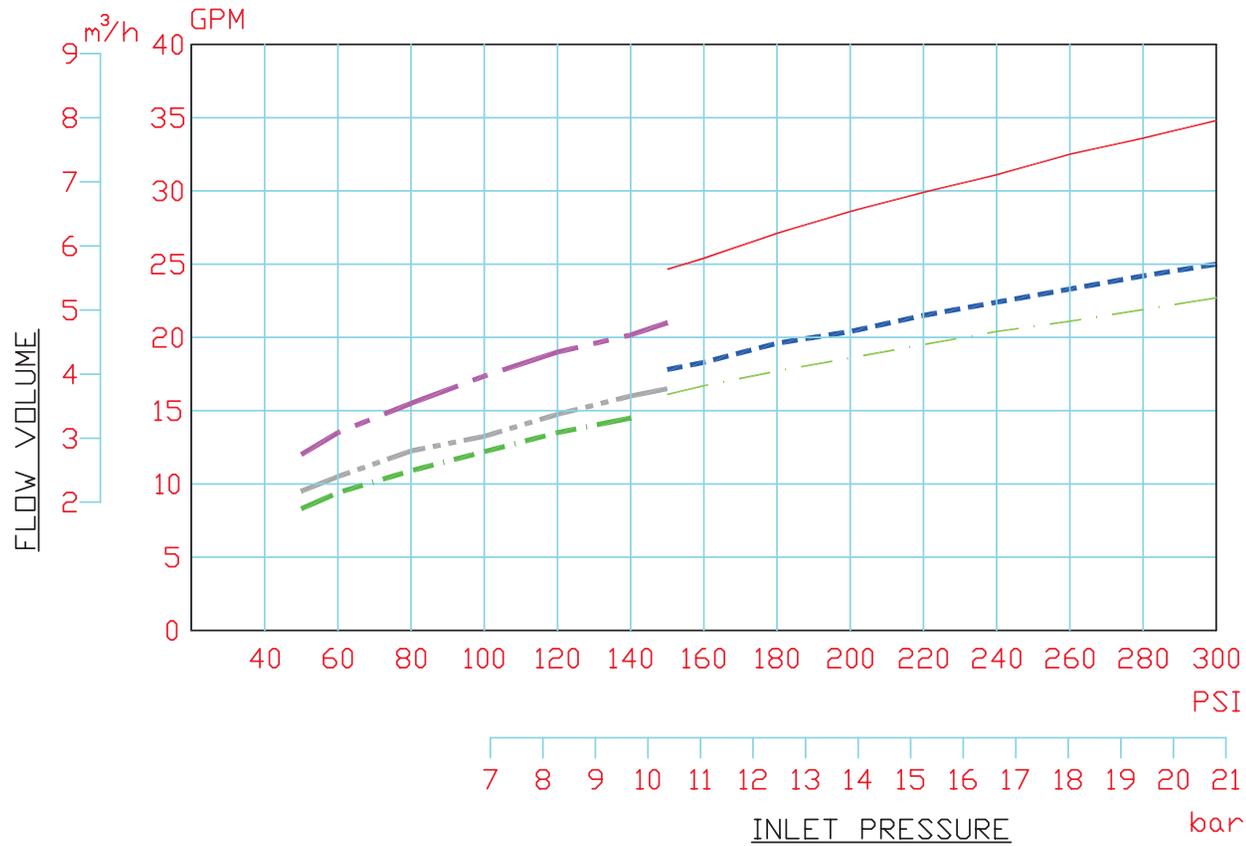
ITEM NO.	QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION
19	1	7-33-1	PLUG,SOLID	CRES
18	4	SEE NOTE 4	PLUG, BYPASS	18-8 CRES
17	1	75-1856	PIN, ROLL, ϕ .062	316 CRES
16	1	75-1852	GEAR, BEVEL	316 CRES
15	1	75-1855	RING, RETAINING	316 CRES
14	1	75-1863G	WASHER	UHMW-PE
13	1	SEE NOTE 2	PLUG, BYPASS, SIZE AS REQUIRED	18-8 CRES
12	4	SEE NOTE 3	NOZZLE ASSEMBLY	316 CRES
11	4	75-1847	RING, RETAINING	302 CRES
10	2	75-1844	CAP, SHAFT	316 CRES
9	1	75-1860	SHAFT, ELBOW	316 CRES
8	4	75-1846	BUSHING	UHMW-PE
7	2	75-1851	BODY, NOZZLE, GEARED	316 CRES
6	1	75-1862	BUSHING, SHAFT	PTFE
5	1	75-1854	SHAFT, VERTICAL	316 CRES
4	1	75-1853	BODY, MAIN	316 CRES
3	1	75-1801SS	ROTOR, 6 TOOTH	316 CRES
2	1	75-1857	MOTOR, WATER, 4 HOLE	316 CRES
1	1	75-1403	CAP, INLET	316 CRES

TORQUE CHART	
ITEM NUMBER	TORQUE SPECIFICATIONS
①	60 FT-LBS
⑤	20 FT-LBS
⑩	20 IN-LBS
⑫	15 FT-LBS

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TITLE ORBI-G4		CAGE NO 96046
DWG NO CD75-1861C	REV D	



- .172" DIA, NOZZLE 75-1861C 150-300 PSI
- - .172" DIA, NOZZLE 75-1861CLP 50-140 PSI
- - - .140" DIA, NOZZLE 75-1861B 150-300 PSI
- - - .140" DIA, NOZZLE 75-1861BLP 50-140 PSI
- · - · .125" DIA, NOZZLE 75-1861D 150-300 PSI
- · - · .125" DIA, NOZZLE 75-1861DLP 50-140 PSI

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TITLE ORBI-G4 CAGE NO 96046

DWG NO CD75-1861C REV C

